Ad blocker with Raspberry

Parts List:

1. Raspberry Pi (any model)
2. Micro SD Card (2gb+, I recommend a 16gb one because they are so cheap)
3. 2.5A Micro USB AC Power Supply . I Recommend one from AdaFruit (<https://lmg.gg/8KVm8>)

Stage 1 - OS Install/Setup:

1. Before we can install Pi-Hole or anything else really, we have to setup our operating system of choice: Raspbian Buster Lite
2. Download and unzip the "Raspbian Buster Lite" image from the Raspbian website (https://www.raspberrypi.org/downloads/raspbian/)
3. Download and install balenaEtcher, our SD card writer
4. Plug in your SD card
5. Launch balenaEtcher, select the Raspbian Buster Lite image and then click Flash.

Stage 2 - Pi-Hole Install/Setup (this is where the tutorial portion in the video starts)

1. With our RasPi's OS, internet,we can now install Pi-Hole.
2. Copy the Pi-Hole install command from their website, paste it into the cmd and press Enter to run it: https://lmg.gg/8KVm9
3. The installer will spit out some status updates until you're brought to the configuration screen
4. Press Enter until you get to the "Choose An Interface" page. The default "eth0" interface for Ethernet users should be selected by default. Press Enter to continue.
5. On the next screen, select your DNS provider. This is where requests will be forwarded if they're not blocked by Pi-Hole.
6. The following screen allows you to select which of the default block list's you'd like to use. will leave these all on, but you can use your arrow keys and space bar to (de)select any of them as you wish. Press Enter to continue.
7. Next up, it will ask you if which IP protocols you want to block ads over, leave this at the default unless you know what you're doing. Press Enter to continue.
8. The next screen will list the IP address of the Raspberry Pi and the IP of your router, assuming you've set a static IP, just click Enter to continue.(If you get a screen about an IP conflict, just ignore it and click Enter to continue.)
9. You'll then be asked about the web interface, web server, and logging modes. Leave these all at default by clicking Enter.
10. After all that, Pi-Hole is going to do a bunch of stuff, and it might take a couple minutes so wait until it says, "Installation Complete!" page. This will list the IP and password for the Pi-Hole web interface.
11. Copy the IP into your browser, and log with the listed password.

Stage 3 - Setting Up Pi-Hole to Run on Your Devices / Whole Network

1. To enable Pi-Hole on your devices, you'll need to manually set the DNS IP address in your device settings.
2. To enable Pi-Hole on a Router level, meaning it will work on all your devices automatically, you'll need to configure your router's DHCP server's default DNS settings.(I don’t recommend this because its going to block some sort of ads that you need.)

Stage 4 - Using Pi-Hole + Common Whitelisting

1. To enable some common whitelisted ads run the command listed here: https://github.com/anudeepND/whitelist